

# West Nile Virus in Wyoming 2003 and 2004

Terry Creekmore  
Vector-borne Disease Coordinator  
Wyoming Department of Health

# Wyoming 2003

- 394 human cases, 9 deaths (19 counties)
- May 30 – October 14
- Infections 1-99 years
- Deaths 76-90 years
- 30.5% with encephalitis

# Human Cases/ 100,000 Population

- Larimer County CO – 194
- Campbell County WY – 212
- Goshen County WY – 675
- Platte County WY – 697
- Laramie County WY – 38
- Natrona County WY – 43
- Albany County WY - 17

# Horses and Birds

- 230 horse cases (20 counties)
- May 22 – October 8
  
- 182 birds (16 counties)
- April 28 – October 9

# The Future?



# Reduced Transmission in 2004?

<b>State</b>	<b>2002</b>	<b>2003</b>	<b>Year No.</b>
<b>Illinois</b>	<b>884</b>	<b>52</b>	<b>3</b>
<b>Michigan</b>	<b>614</b>	<b>16</b>	<b>3</b>
<b>Iowa</b>	<b>54</b>	<b>143</b>	<b>3</b>
<b>MN</b>	<b>48</b>	<b>147</b>	<b>3</b>
<b>PA</b>	<b>62</b>	<b>244</b>	<b>4</b>
<b>Florida</b>	<b>28</b>	<b>83</b>	<b>4</b>

Precipitation Levels will likely have the biggest influence on mosquito populations and consequently WNV activity in Wyoming during 2004.

“The ecological factors that supported increased WNV transmission in portions of Wyoming during 2003 will continue to make those parts of the state higher risk areas for WNV transmission in the future.”

# Public Education



# Public Education in 2003

- 85,000 posters in English and Spanish
- 90,000 wallet cards in English and Spanish
- 95,000 brochures in English and Spanish
- 57,000 bookmarks
- 1-877-WYO-Bite hotline
- Badskeeter website
- Radio and TV commercials
- 30 press releases
- 40 talks
- 140 media interviews

# Terry Creekmore

[tcreek@state.wy.us](mailto:tcreek@state.wy.us)

307-742-6638 ext. 105